

### **AMENDMENTS TO THE CLAIMS**

Claims 1-15 were pending in the Application. Claim 1 is an independent claim and claims 2-10 depend therefrom. Claim 11 is an independent claim and claims 12-15 depend therefrom. Claims 16-22 were previously canceled. Claims 1 and 11 are currently amended.

#### **Listing of Claims:**

This listing of claims will replace all prior versions and listings of claims in the application.

1. (Currently Amended) A method for producing a high definition video signal comprising:  
performing by at least one circuit:

- demuxing a high definition program stream into at least one high definition video data stream component and a plurality of companion component data streams;

- muxing the plurality of companion component data streams with a standard resolution video stream into a standard definition video program stream;

- demuxing the standard definition program stream into a standard definition video data stream, and a subpicture data stream;

- scaling the standard definition video stream to a resolution consistent with the high definition video data stream;

- overlaying the scaled standard definition video stream with the demuxed subpicture data stream;

- and replacing the standard definition video stream with the at least one high definition video data stream to produce a high definition video data signal.

2. (Original) The method of claim 1 further including, prior demuxing the high definition

program stream, receiving a program data stream.

3. (Original) The method of claim 2 further including determining if the received program data stream is a high definition program data stream.

4. (Original) The method of claim 1 wherein the plurality of companion component data streams comprises one or more of audio data stream, a subpicture data stream, and a navigational data stream.

5. (Original) The method of claim 1 wherein the high definition program stream is in encrypted format.

6. (Original) The method of claim 5 further comprising, prior to demuxing the high definition program stream, decrypting the encrypted high definition program stream.

7. (Original) The method of claim 1 wherein the at least one high definition video data stream component is in compressed format.

8. (Original) The method of claim 7 further comprising, prior to the replacing step, decompressing the high definition video data stream.

9. (Original) The method of claim 1 further comprising generating the standard resolution video stream.

10. (Original) The method of claim 9 wherein the generated standard resolution video stream comprises a blue screen video elementary stream.

11. (Currently Amended) An apparatus for use in producing a high ~~a~~-definition video data signal, comprising:

- a high definition program stream demuxer for extracting a plurality of component data streams from a high definition program stream, the plurality of component data streams comprising at least one high definition video data stream and a set of other component data streams;

- a generator for generating a standard definition video stream;

- a muxer for combining the generated standard definition video stream with the set of other component data streams into a standard definition program stream;

- a video scaler for increasing the resolution of the standard definition video stream to a resolution consistent with the high definition video stream;

- a video mixer for replacing the scaled up standard definition video stream with the high definition video data stream;

- and an encrypter for creating a high definition video data signal from the high definition video data stream and the set of other component data streams.

12. (Original) The apparatus of claim 11 further including a receiver for receiving a program data stream.

13. (Original) The apparatus of claim 12 wherein the received program data stream is in encrypted format.

Appl. No. 10/726,814  
Resp. to non-final Office Action of February 17, 2009  
Resp. dated May 18, 2009

14. (Original) The apparatus of claim 13 further including a decrypter for decrypting the encrypted program data stream.

15. (Original) The apparatus of claim 12 further including a router for determining if the received program data stream is a high definition program stream.

16-22. (Canceled)